

22. (New) A hybridoma which produces the monoclonal antibody of claim 20.

23. (New) The antibody of claim 19 which is a polyclonal antibody.

24. (New) The antibody fragment of claim 19 which is a fragment of a polyclonal antibody.

25. (New) The antibody of claim 19 which comprises a detectable label.

26. (New) The antibody of claim 25 wherein the detectable label is a radioisotope, affinity label, enzymatic label, fluorescent label or paramagnetic moiety.

27. (New) A method of detecting the presence of a CD39L2 polypeptide having the amino acid sequence of SEQ ID NO: 2 or a fragment thereof in a cell, tissue or fluid sample comprising

contacting said cell, tissue or fluid sample with an antibody or fragment of claim 19 under conditions which permit the formation of an antibody/polypeptide complex and

detecting the presence of an antibody/polypeptide complex, wherein the presence of the antibody/polypeptide complex indicates the presence of a CD39L2 polypeptide.

28. (New) A kit comprising (a) the antibody or antibody fragment of claim 19 and (b) a polypeptide having the amino acid sequence of SEQ ID NO: 2 or an immunologically reactive fragment of said polypeptide.

Amended:

29. (New) A kit comprising (a) the antibody or antibody fragment of claim 19 and
(b) a wash reagent or a reagent capable of detecting the presence of a bound antibody.
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